

Short description system 20

automatic door systems – this is record!



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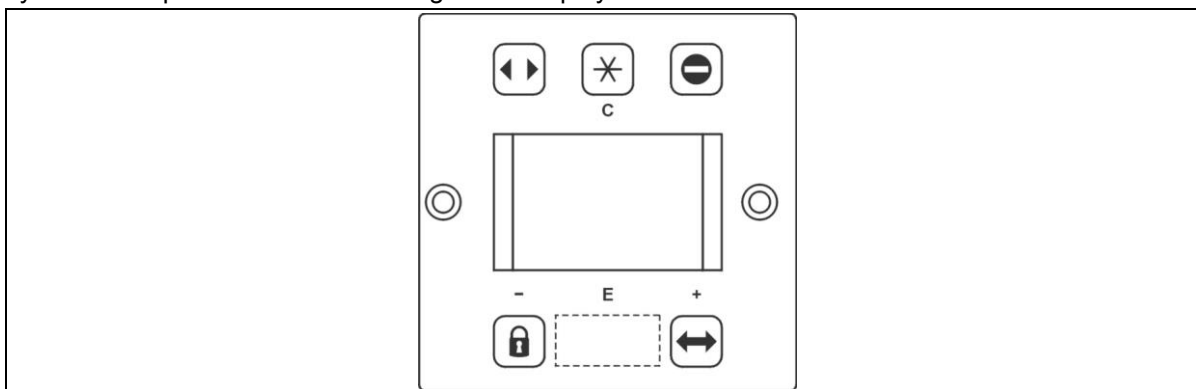
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1 Operating instructions

The electronic control unit with display (BDE-D) has been designed to operate the automatic sliding door installation.

1.1 Selection of operating modes (BDE-D)

The electronic control unit BDE-D is a user-friendly input/output module to control and customise (optional) the system operation. The backlit LCD display informs about the system status by means of symbols and plain text. Error messages are displayed as text.



Button	Operating mode	Symbol displayed	Function
	Automatic	 Automatic	<ul style="list-style-type: none"> Unobstructed access through the system in both directions Maximum opening with
	Continuously open	 Cont. open	<ul style="list-style-type: none"> System remains open until another operating mode is selected
	One-way	 One-Way	<ul style="list-style-type: none"> System opens only in one direction (e.g. for shop closing time)
	Locked	 Locked	<ul style="list-style-type: none"> System is closed and locked (if there is a locking device) System remains locked even in case of power failure
	Reduced opening width	 Automatic	<ul style="list-style-type: none"> Unobstructed access through the system in both directions Reduced opening width



NOTICE

The reduced opening width is also effective with operating modes (One-way) and (Continuously open).

1.2 Selection of special functions

Key operation	Function	Display	Description
	Manual mode	 Manual	<ul style="list-style-type: none"> Press key twice System opens/stops on 2nd key stroke System can be operated manually Back to another operating mode <ul style="list-style-type: none"> Activation of the selected key (e.g. Automatic)
	Manual mode	 Manual	<ul style="list-style-type: none"> Press key for 2 seconds System can be operated manually Back to another operating mode <ul style="list-style-type: none"> Activation of the selected key (e.g. Automatic)
	Single opening	 Locked	<ul style="list-style-type: none"> System is closed and locked 1 keystroke unlocks the system (if available) An opening/closing cycle is performed Once closed, system locks again

1.3 Locking the control panel with the keyboard



IMPORTANT

Standard EN 16005 requires protection of the selection of the mode of operation of pedestrian automatic doors used as emergency exits so that they may not be inadvertently locked when the building is in use.

If a "locked" mode of operation is available, the mode of operation must be protected, e.g. by an access code or a key, so that changes can only be made by authorised personnel.

It is the responsibility of the operator of the pedestrian automatic door used as an emergency exit to lock the control panel into automatic position when the facility is being used.

Key sequence	Display	Description
Locking the control unit		
	 Automatic	<ul style="list-style-type: none"> Undesired manipulation of the control unit is hindered Panel is locked Locked status of the BDE-D is displayed
Unlocking the control unit		
	 Automatic	<ul style="list-style-type: none"> Free selection of operating modes and special functions is ensured



NOTICE

The installation remains in the mode of operation previously selected

1.4 Locking the control unit with a key (option)



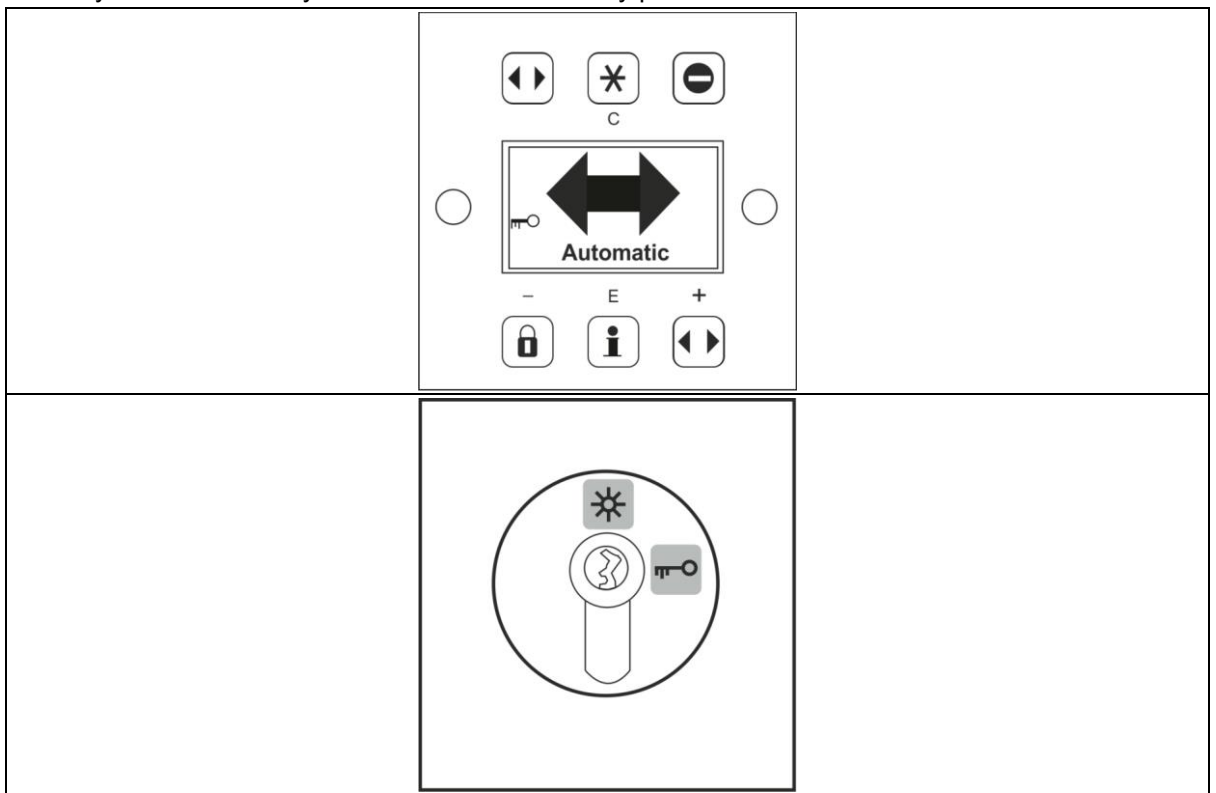
IMPORTANT

Standard EN 16005 requires protection of the selection of the mode of operation of pedestrian automatic doors used as emergency exits so that they may not be inadvertently locked when the building is in use.

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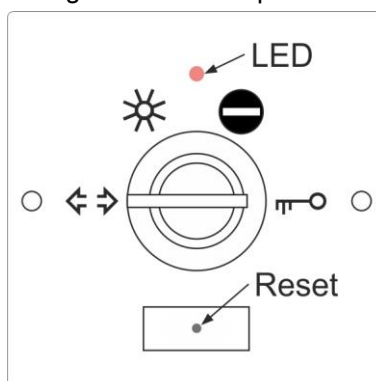
It is the responsibility of the operator of the pedestrian automatic door used as an emergency exit to lock the control panel into automatic position when the facility is being used.





The control panel BDE-D can be efficiently protected against unauthorised changes of operating mode by an additional key switch. This one is usually placed near the BDE-D.



1.5 Selection of operating modes (BDE-M)

The mechanical operating unit BDE-M is equipped with a key switch. Different operating modes can be set with this key switch. The operating switch can be pulled off in any position.



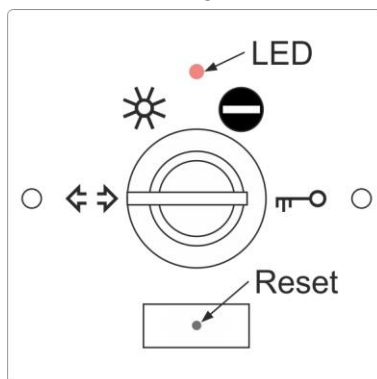
Key	Operating mode	Function
	Automatic mode with total opening width	This operating mode is the standard operating mode. Through triggering of a e.g. Radar, the door opens. After the preset door time delay, the door closes.
	Continuously open and manual mode	Door opens and stays in open position. The door can be moved manually.
	One-Way	The door opens only through a triggering of an e.g. radar which is on the inside of the door, or through a optional key operated contact (SSK).
	Locking	The door will be locked after a completed closing. The door can only be opened with the last pre-set opening width through a key operated contact (SSK). Caution: During a Power loss the opening of a locked door might be only possible with a optional battery pack or a manual locking device!

1.5.1 Operating mode display

The BDE-M has only 1 LED. The LED is lightening if mains voltage or battery voltage are available.

1.5.2 Reset-Button

This hidden button will be actuated with a 25 mm long paper clip.
Therefore there is a little hole in the middle of the logo.



If the reset-button will be pressed for about 5 seconds, a software-reset will happen. The pre-set settings remain unaffected.

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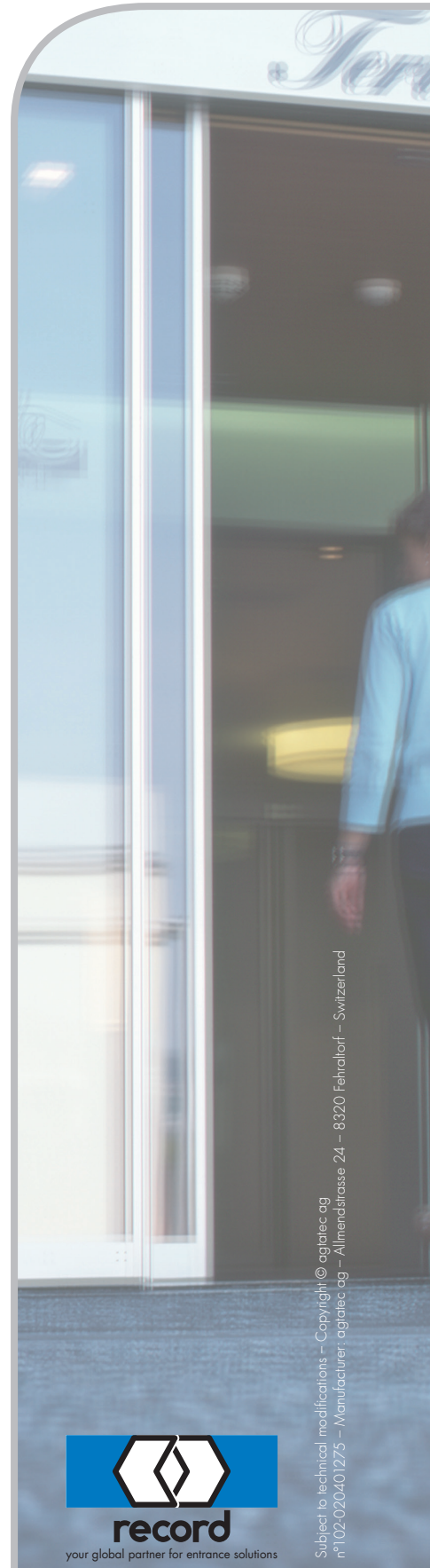
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